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#5

FOOT 26674860

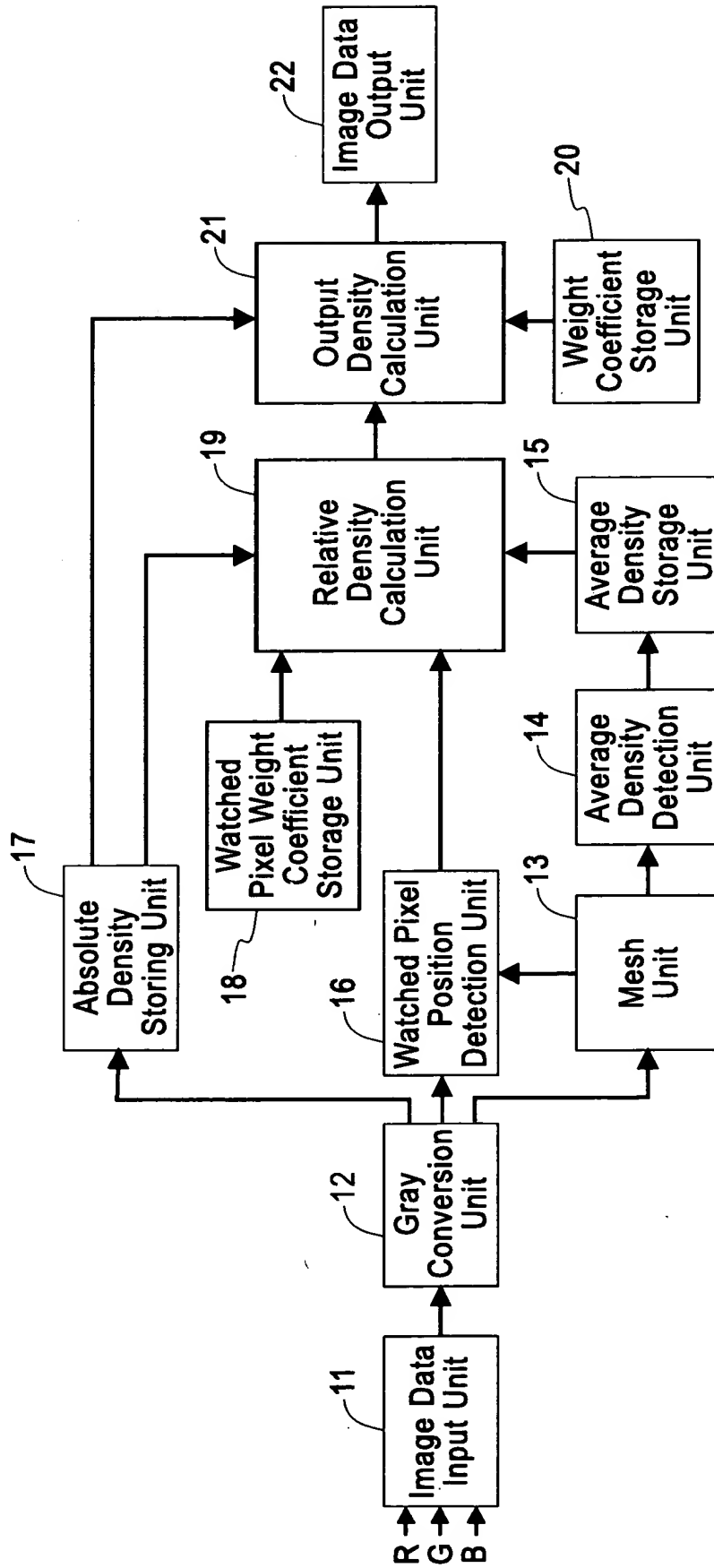


Fig. 1

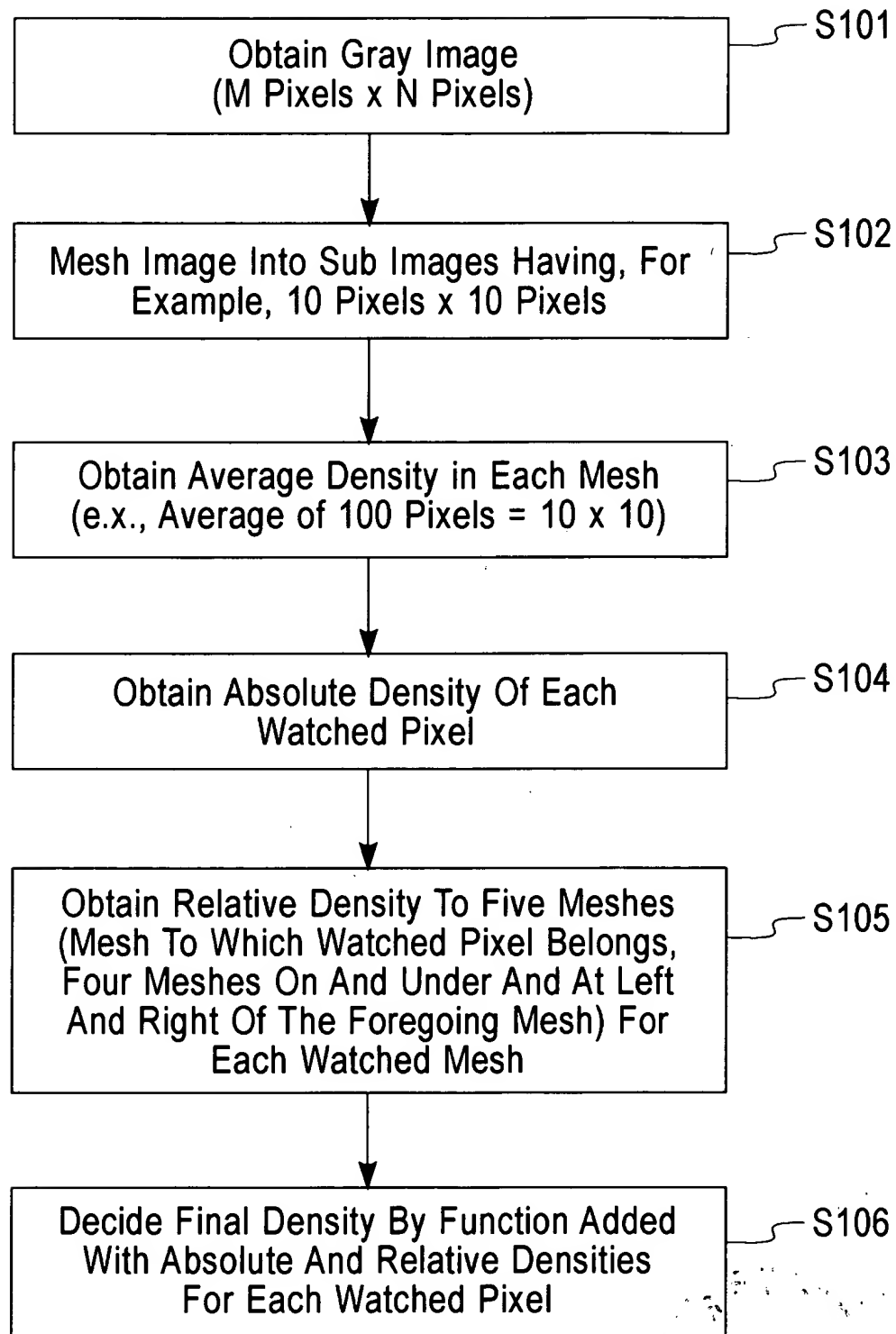


Fig. 2

$$\begin{aligned}
 [P]_{mn} = & C + \alpha P_{mn} && \text{Add Absolute Value} \\
 & + \beta \{ 2P_{mn} - (S_{ij} + d_1 S_{i-1j} + d_4 S_{i+1j}) && \text{Itself, On And Under} \\
 & + 2P_{mn} - (S_{ij} + d_2 S_{ij-1} + d_3 S_{ij+1}) \} / 4 && \text{Itself, Left And Right}
 \end{aligned}$$

[P]_{mn}: Final Value Of Pixel In m-TH Column
And n-TH Row

P_{mn}: Value (Absolute Value) Of Pixel In
m-TH Column And n-TH Row

C: Constant

S_{ij}: Average Density Of Mesh In i-TH Column
And j-TH Row

α: Weight Coefficient Of Absolute Value

β: Weight Coefficient Of Relative Value

d₁: Weight Coefficient Of Mesh On Mesh
To Which Watched Pixel Belongs

d₂: Weight Coefficient Of Mesh At Left Of
Mesh To Which Watched Pixel Belongs

d₃: Weight Coefficient Of Mesh At Right Of
Mesh To Which Watched Pixel Belongs

d₄: Weight Coefficient Of Mesh Under Mesh
To Which Watched Pixel Belongs

Fig. 3

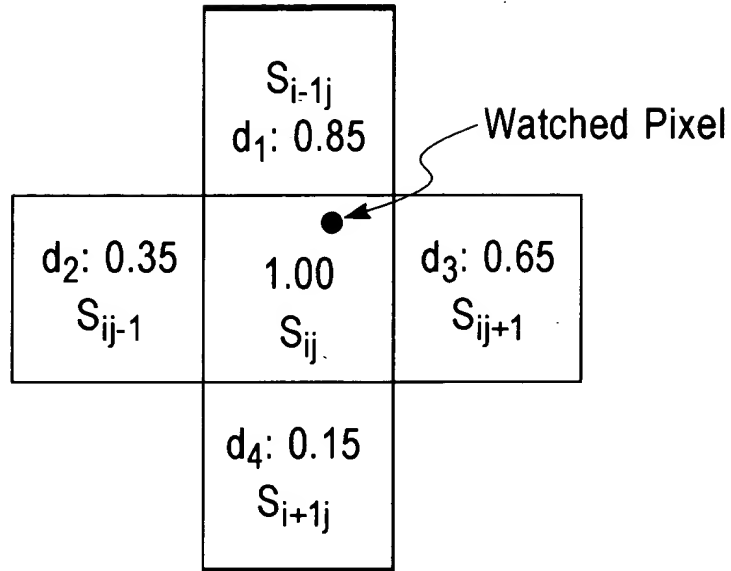


Fig. 4A

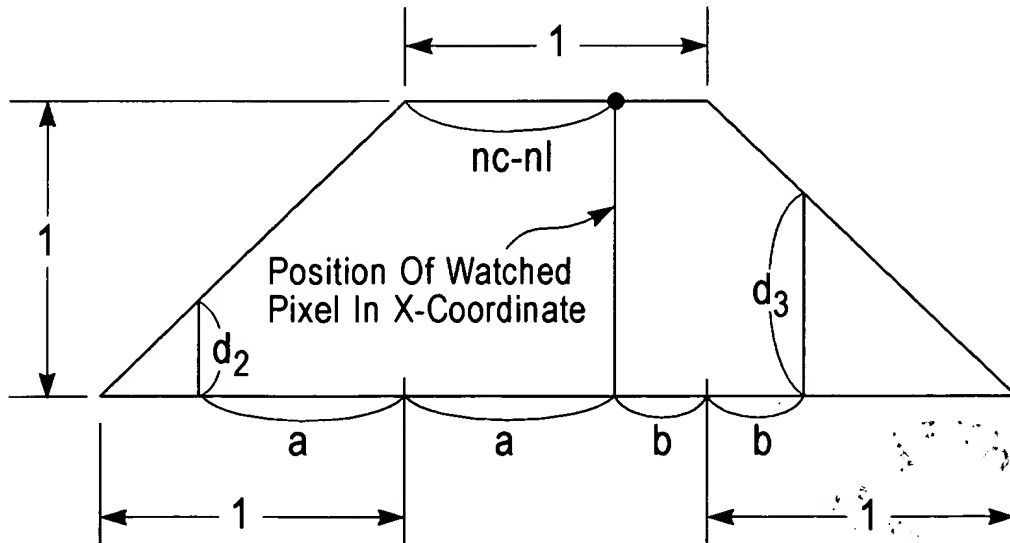


Fig. 4B

09841932-101601

Original
Histogram

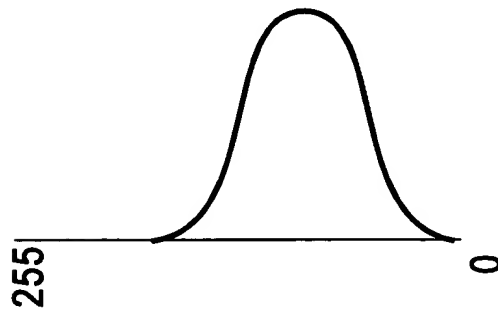


Fig. 5A

Multiplied By α
(e.g., By 1/8)

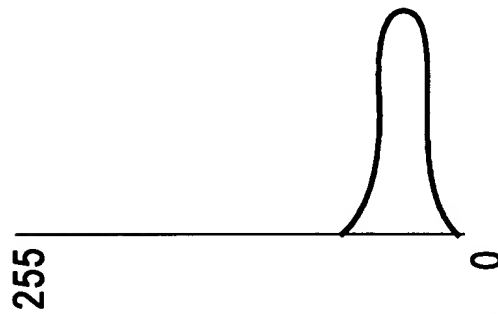


Fig. 5B

Added With
Relative Value

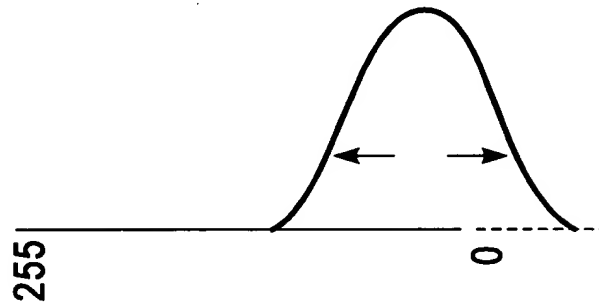


Fig. 5C

Added
with C

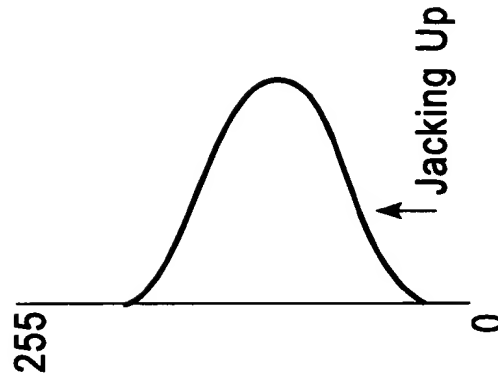


Fig. 5D

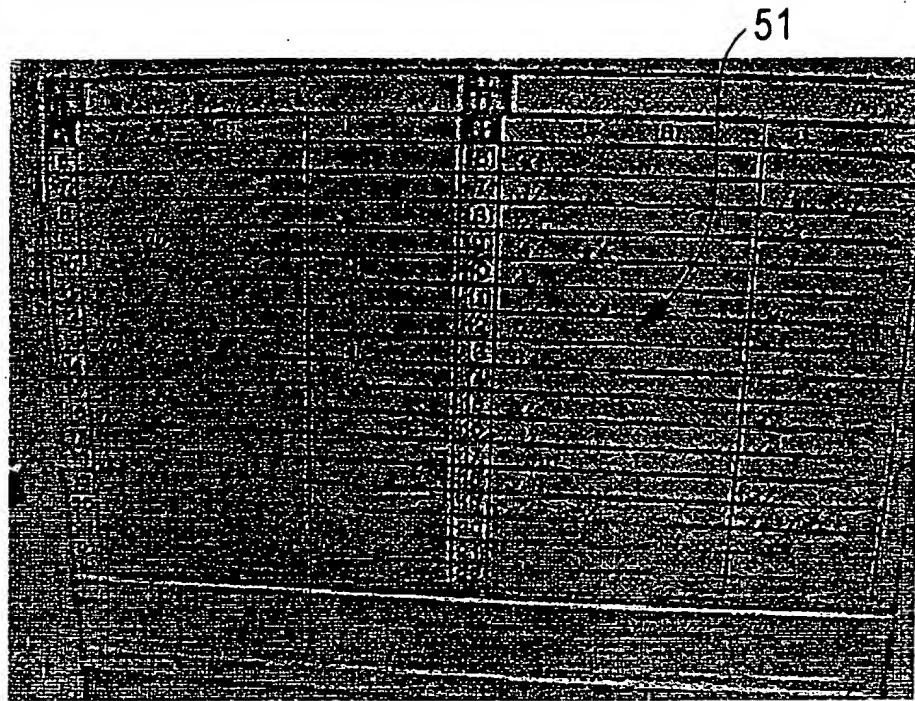


Fig. 6A

51

6		0	
7	31	7	
8	31	8	19. 31
9	11. 97	9	22
10		10	31
11	27. 11	11	
12	11	12	01
13	17. 32	13	
14		14	
15	31. 32	15	
16	12. 32	16	31
17		17	31
18		18	
19		19	31
20		20	26. 31
21		21	
22		22	

Fig. 6B

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Index	Section 1	Section 2 (51)
6		
7	5	1
8	12	14 39
9	12 42	16 48
10		20 6
11	2 14	21 29
12	11	22 40
13	17 48	23 26
14		
15	20 82	
16	12 82	24 27
17		29 12
18	11	
19	12	20 21
20	12	26 41
21		
22		

Fig. 7A

Index	Section 1	Section 2 (51)
6		
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8	12	14 39
9	12 42	16 48
10		20 6
11	2 14	21 29
12	11	22 40
13	17 48	23 26
14		
15	20 82	
16	12 82	24 27
17		29 12
18	11	
19	12	20 21
20	12	26 41
21		
22		

Fig. 7B

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Fig. 8A



Fig. 8B

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Fig. 9

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